REMARKS/ARGUMENTS

This case has been carefully reviewed and analyzed in view of the Office Action dated 5 October 2007. Responsive to the rejections made in the Office Action, Claims 1, 6, 7 and 12 have been amended and Claims 8-11 2 have been cancelled. Thus, Claims 1-7 and 12-13 remain pending.

In the Office Action, the Examiner rejected Claims 1 -8 under 35 U.S.C. § 102(e) as being anticipated by Read, PCT publication WO/2002/11400. Claims 9-11 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Read in view of Moyer, et al., U.S. Patent Application Publication 2002/0103898 (hereinafter "Moyer"), and Claims 12 and 13 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Read in view of official notice given by the Examiner.

Before discussing the prior art relied upon by the Examiner, it is believed beneficial to first briefly review the structure of the invention of the subject Patent Application, as now claimed. The present invention is directed to a routing protocol device integrated with SIP call server. The routing protocol device is provided between first and second network systems. The SIP call server is a Session Initiation Protocol architecture which can be coupled with a plurality of remote SIP agent client devices. The routing protocol device includes a first connecting port coupled with the first network system and a second connecting port coupled with the second network system.

The routing protocol device further includes a data packet processing module electrically connected to the first and second connecting ports. The data packet processing module includes routing protocol means for selecting a data packet transmission path of the first and second network systems. The data packet processing module also includes an SIP registry server for registering the remote SIP agent client devices and thereby stores an SIP URI of the remote SIP agent client devices. Further, the data packet processing module includes an SIP location server for seeking the location of the remote SIP agent client device and convert the location into the SIP URI of the remote SIP agent client, whereby the remote SIP agent client devices can directly bidirectionally telecommunicate with each other by voice. The data packet processing module further includes an SIP proxy server for transmitting an INVITE message sent from one remote SIP agent client device to another remote SIP agent client device to initiate a voice phone call. By that arrangement, the requirement for added hardware infrastructure to implement VOIP using the Session Initiation Protocol is significantly reduced. In place of an added device ti implement the SIP servers required for VOIP, the present invention combines the SIP servers into the network routers that are already part of the internet infrastructure.

It is respectfully submitted that the Read reference is directed to a multimedia telephony system with firewalls and network address translation. As shown in Fig. 1, the client device 10 communicates with another client device 12 through the shared

packet switched network (internet) 20 using the routers 32 and 34. A proxy server 40 is connected to the network 20 through a router 38, pg. 19, lines 5-9. Thus, while the proxy server 40 may provide SIP server functions, it does not function as nor take the place of a network router. Therefore, nowhere does the reference disclose a data packet processing module including:

(a) routing protocol means for selecting a data packet transmission path of the first and second network systems;

(b) an SIP registry server for registering the remote SIP agent client devices and thereby stores an SIP URI of the remote SIP agent client devices;

(c) an SIP location server for seeking the location of the remote SIP agent client device and convert the location into the SIP URI of the remote SIP agent client, whereby the remote SIP agent client devices can directly bidirectionally telecommunicate with each other by voice; and

(d) an SIP proxy server for transmitting an INVITE message sent from one remote SIP agent client device to another remote SIP agent client device to initiate a voice phone call, as now claimed.

As the Read reference therefore fails to disclose each and every element of the invention of the subject Patent Application, it cannot anticipate that invention. Further, as the reference fails to suggest such a combination of elements, and in fact teaches away

from that combination by the addition of the server 40 while maintaining the routers 32, 34 and 38 it cannot make obvious that invention either.

The Moyer reference does not overcome the deficiencies of Read. The Moyer reference is directed to a system and method for using SIP to communicate with networked appliances. While the reference discloses the SIP server functions required for communications using that protocol, it nowhere discloses or suggests combining the SIP server functions with those of a router. Thus, like Read, fails to disclose a data packet processing module including:

(a) routing protocol means for selecting a data packet transmission path of the first and second network systems;

(b) an SIP registry server for registering the remote SIP agent client devices and thereby stores an SIP URI of the remote SIP agent client devices;

(c) an SIP location server for seeking the location of the remote SIP agent client device and convert the location into the SIP URI of the remote SIP agent client, whereby the remote SIP agent client devices can directly bidirectionally telecommunicate with each other by voice; and

(d) an SIP proxy server for transmitting an INVITE message sent from one remote SIP agent client device to another remote SIP agent client device to initiate a voice phone call, as now claimed.

As the combination of Read and Moyer fails to disclose or suggest the concatenation of limitations that define the invention of the subject Patent Application, as now claimed, they cannot make obvious that invention. It is believed that the Dependent Claims 2-7, 12 and 13 add further patentably distinct limitations, but are at least patentably distinct for the same reasons as Independent Claim 1 and therefore should be allowable as well.

For all the forgoing reasons, it is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectfully requested.

No fees are believed to be due with this Amendment. If there are any charges associated with this filing, the Honorable Commissioner for Patents is hereby authorized to charge Deposit Account #18-2011 for such charges.

Respectfully submitted,

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/David I. Klein/ — 2/04/2008
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